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Working Student Electronic Lab / Simulation

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 Hamburg

 Part time

 Posted Today

 R-20005175

What you will do

- Set up ESD Protection Device models according to defined working procedure (RF-SPICE-, System/Application Models)
- Continue maintenance of model data und simulation results (in Folders/Database/SharePoint)
- Improvement/Automatization of existing model template and working procedure
- Request alignment between product application, product development and product marketing teams
- Execution of characterization measurements for models (S-Parameter, Diode-IV, TLP & ESD Gun measurement environment)

What you will need

- Enrolled student in electrical engineering, physics or similar engineering field
- Basic knowledge in schematic simulation: ADS, LTSpice/PSpice
- Basic knowledge of passive RLC-Filters up to 20 GHz or higher
- Some knowledge Software Programming: VBA, C/C++
- Some knowledge of analog semiconductor functionality
- First measurement experience
- Curiosity to look beyond boundaries
- Effective oral, written and interpersonal communication skills, both in English and German
- Furthermore, you are a team player and eager to learn

Work load

- Temporary contract
- Weekly working hours: 18 hours / week
- 17,50€ per hour

Information

If you have questions regarding this job, please send an email to: joinourteam@nexperia.com

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Nexperia is a world-class company in semiconductor development and in-house production. A proven global player with an entrepreneurial mentality. At our core is an 13,000+ strong international network with a singular focus. Built on passion and commitment to our work, belief in our goals and a drive to succeed regardless of the challenges we face. We support, reward and challenge individuals equally, in a dynamic and energetic environment.

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